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☐ 1: [D'Anna R, Le Buane H, Alessandri G, Caruso A, Burny A, Gallo R, Zagury JF, Zagury D, D'Alessio P.](#) Related Articles, Links

 Selective activation of cervical microvascular endothelial cells by human papillomavirus 16-e7 oncoprotein.
J Natl Cancer Inst. 2001 Dec 19;93(24):1843-51.
PMID: 11752008 [PubMed - indexed for MEDLINE]


☐ 2: [D'Anna R, Le Buane H, Bizzini B, Burny A, Giannouli C, Zagury JF, Gallo RC, Zagury D, D'Alessio P.](#) Related Articles, Links

 Human papillomavirus-16-E7 oncoprotein enhances the expression of adhesion molecules in cervical endothelial cells but not in human umbilical vein endothelial cells.
J Hum Virol. 2001 Mar-Apr;4(2):85-95.
PMID: 11437318 [PubMed - indexed for MEDLINE]


☐ 3: [Lee TH, Avraham H, Lee SH, Avraham S.](#) Related Articles, Links

 Vascular endothelial growth factor modulates neutrophil transendothelial migration via up-regulation of interleukin-8 in human brain microvascular endothelial cells.
J Biol Chem. 2002 Mar 22;277(12):10445-51. Epub 2002 Jan 9.
PMID: 11784713 [PubMed - indexed for MEDLINE]


☐ 4: [Cao ZY, Zhao J, Liao QP, Yang YS, Zhou L, Zeng Y.](#) Related Articles, Links

 [Immortalization of human embryonic cervical epithelial cells induced by E6, E7 genes of human papillomavirus 16]
Zhonghua Fu Chan Ke Za Zhi. 2004 Jul;39(7):486-8. Chinese.
PMID: 15347475 [PubMed - indexed for MEDLINE]

☐ 5: [Ahn WS, Bae SM, Kim TY, Kim TG, Lee JM, Namkoong SE, Kim CK, Sin JL.](#) Related Articles, Links

 A therapy modality using recombinant IL-12 adenovirus plus E7 protein in a human papillomavirus 16 E6/E7-associated cervical cancer animal model.
Hum Gene Ther. 2003 Oct 10;14(15):1389-99.
PMID: 14577920 [PubMed - indexed for MEDLINE]

☐ 6: [Xu Q, Wang S, Xi L, Wu S, Chen G, Zhao Y, Wu Y, Ma D.](#) Related Articles, Links


 Effects of human papillomavirus type 16 E7 protein on the growth of cervical carcinoma cells and immuno-escape through the TGF-beta1

signaling pathway.


Gynecol Oncol. 2006 Apr;101(1):132-9. Epub 2005 Nov 2.

PMID: 16269171 [PubMed - indexed for MEDLINE]


- ☐ 7: [Bar-Or D, Thomas GW, Yukl RL, Rael LT, Shimonkevitz RP, Curtis CG, Winkler JV.](#) Related Articles, Links

 Copper stimulates the synthesis and release of interleukin-8 in human endothelial cells: a possible early role in systemic inflammatory responses. Shock. 2003 Aug;20(2):154-8. PMID: 12865660 [PubMed - indexed for MEDLINE]


- ☐ 8: [van den Berg RH, Faber-Krol MC, Sim RB, Daha MR.](#) Related Articles, Links

 The first subcomponent of complement, C1q, triggers the production of IL-8, IL-6, and monocyte chemoattractant peptide-1 by human umbilical vein endothelial cells. J Immunol. 1998 Dec 15;161(12):6924-30. PMID: 9862726 [PubMed - indexed for MEDLINE]


- ☐ 9: [Chandrasekar B, Vernula K, Surabhi RM, Li-Weber M, Owen-Schaub LB, Jensen LE, Mummidi S.](#) Related Articles, Links

 Activation of intrinsic and extrinsic proapoptotic signaling pathways in interleukin-18-mediated human cardiac endothelial cell death. J Biol Chem. 2004 May 7;279(19):20221-33. Epub 2004 Feb 11. PMID: 14960579 [PubMed - indexed for MEDLINE]


- ☐ 10: [D'Alquen D, Kramer BW, Seidenspinner S, Marx A, Berg D, Groneck P, Speer CP.](#) Related Articles, Links

 Activation of umbilical cord endothelial cells and fetal inflammatory response in preterm infants with chorioamnionitis and funisitis. Pediatr Res. 2005 Feb;57(2):263-9. Epub 2004 Dec 20. PMID: 15611353 [PubMed - indexed for MEDLINE]


- ☐ 11: [Handrigan MT, Burns AR, Donnachie EM, Bowden RA.](#) Related Articles, Links

 Hydroxyethyl starch inhibits neutrophil adhesion and transendothelial migration. Shock. 2005 Nov;24(5):434-9. PMID: 16247329 [PubMed - indexed for MEDLINE]


- ☐ 12: [Van Der Meeren A, Squiban C, Gourmelon P, Lafont H, Gaugler MH.](#) Related Articles, Links

 Differential regulation by IL-4 and IL-10 of radiation-induced IL-6 and IL-8 production and ICAM-1 expression by human endothelial cells. Cytokine. 1999 Nov;11(11):831-8. PMID: 10547270 [PubMed - indexed for MEDLINE]

- ☐ 13: [Scholzen T, Hartmeyer M, Fastrich M, Brzoska T, Becher E, Schwarz T, Luger TA.](#) Related Articles, Links

 Ultraviolet light and interleukin-10 modulate expression of cytokines by transformed human dermal microvascular endothelial cells (HMEC-1). J Invest Dermatol. 1998 Jul;111(1):50-6. PMID: 9665386 [PubMed - indexed for MEDLINE]

- ☐ 14: [Wang X, Athayde N, Trudinger B.](#) Related Articles, Links

 A proinflammatory cytokine response is present in the fetal placental vasculature in placental insufficiency. Am J Obstet Gynecol. 2003 Nov;189(5):1445-51.

PMID: 14634584 [PubMed - indexed for MEDLINE]

- ☐ 15: [Cuschleri J, Gourlay D, Garcia I, Jelacic S, Maier RV.](#) [Related Articles, Links](#)



Endotoxin-induced endothelial cell proinflammatory phenotypic differentiation requires stress fiber polymerization.

Shock. 2003 May;19(5):433-9.

PMID: 12744486 [PubMed - indexed for MEDLINE]

- ☐ 16: [Cheng WF, Lee CN, Su YN, Chang MC, Hsiao WC, Chen CA, Hsieh CY.](#) [Related Articles, Links](#)



Induction of human papillomavirus type 16-specific immunologic responses in a normal and an human papillomavirus-infected populations.

Immunology. 2005 May;115(1):136-49.

PMID: 15819706 [PubMed - indexed for MEDLINE]

- ☐ 17: [Avraham HK, Lee TH, Koh Y, Kim TA, Jiang S, Sussman M, Samarel AM, Avraham S.](#) [Related Articles, Links](#)



Vascular endothelial growth factor regulates focal adhesion assembly in human brain microvascular endothelial cells through activation of the focal adhesion kinase and related adhesion focal tyrosine kinase.

J Biol Chem. 2003 Sep 19;278(38):36661-8. Epub 2003 Jul 3.

PMID: 12844492 [PubMed - indexed for MEDLINE]

- ☐ 18: [Baldwin A, Huh KW, Munger K.](#) [Related Articles, Links](#)



Human papillomavirus E7 oncoprotein dysregulates steroid receptor coactivator 1 localization and function.

J Virol. 2006 Jul;80(13):6669-77.

PMID: 16775354 [PubMed - indexed for MEDLINE]

- ☐ 19: [Nyhlen K, Gautam C, Andersson R, Srinivas U.](#) [Related Articles, Links](#)



Modulation of cytokine-induced production of IL-8 in vitro by interferons and glucocorticosteroids.

Inflammation. 2004 Apr;28(2):77-88.

PMID: 15379213 [PubMed - indexed for MEDLINE]

- ☐ 20: [Unger RE, Krump-Konvalinkova V, Peters K, Kirkpatrick CJ.](#) [Related Articles, Links](#)



In vitro expression of the endothelial phenotype: comparative study of primary isolated cells and cell lines, including the novel cell line HPMEC-ST1.6R.

Microvasc Res. 2002 Nov;64(3):384-97.

PMID: 12453433 [PubMed - indexed for MEDLINE]

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☐ 21: [McLaughlin JN, Mazzone MR, Cleator JH, Earls L, Perdigoto AL, Brooks JD, Muldowney JA 3rd, Vaughan DE, Hamm HE.](#) Related Articles, Links

Thrombin modulates the expression of a set of genes including thrombospondin-1 in human microvascular endothelial cells. J Biol Chem. 2005 Jun 10;280(23):22172-80. Epub 2005 Apr 7. PMID: 15817447 [PubMed - indexed for MEDLINE]

☐ 22: [Niessner A, Kaun C, Zorn G, Speidl W, Turel Z, Christiansen G, Pedersen AS, Birkelund S, Simon S, Georgopoulos A, Graninger W, de Martin R, Lipp J, Binder BR, Maurer G, Huber K, Wojta J.](#) Related Articles, Links

Polymorphic membrane protein (PMP) 20 and PMP 21 of Chlamydia pneumoniae induce proinflammatory mediators in human endothelial cells in vitro by activation of the nuclear factor-kappaB pathway. J Infect Dis. 2003 Jul 1;188(1):108-13. Epub 2003 Jun 12. PMID: 12825178 [PubMed - indexed for MEDLINE]

☐ 23: [Zoja C, Angioletti S, Donadelli R, Zanchi C, Tomasoni S, Binda E, Imberti B, de Loo M, Monnens L, Remuzzi G, Morigi M.](#) Related Articles, Links

Shiga toxin-2 triggers endothelial leukocyte adhesion and transmigration via NF-kappaB dependent up-regulation of IL-8 and MCP-1. Kidney Int. 2002 Sep;62(3):846-56. PMID: 12164866 [PubMed - indexed for MEDLINE]

☐ 24: [Fiedler M, Muller-Holzner E, Viertler HP, Widschwendter A, Laich A, Pfister G, Spoden GA, Jansen-Durr P, Zwerschke W.](#) Related Articles, Links


High level HPV-16 E7 oncoprotein expression correlates with reduced pRb-levels in cervical biopsies. FASEB J. 2004 Jul;18(10):1120-2. Epub 2004 May 20. PMID: 15155561 [PubMed - indexed for MEDLINE]








☐ 25: [Shpacovitch VM, Brzoska T, Buddenkotte J, Stroh C, Sommerhoff CP, Ansel JC, Schulze-Osthoff K, Bunnett NW, Luger TA, Steinhoff M.](#) Related Articles, Links

Agonists of proteinase-activated receptor 2 induce cytokine release and activation of nuclear transcription factor kappaB in human dermal microvascular endothelial cells. J Invest Dermatol. 2002 Feb;118(2):380-5. PMID: 11841560 [PubMed - indexed for MEDLINE]

☐ 26: [Chang YH, Hsieh SL, Chao Y, Chou YC, Lin WW.](#) Related Articles, Links

Proinflammatory effects of LIGHT through HVEM and LTbetaR

-  interactions in cultured human umbilical vein endothelial cells.
J Biomed Sci. 2005;12(2):363-75.
PMID: 15917993 [PubMed - indexed for MEDLINE]
- ☐ 27: Yeh M, Gharavi NM, Choi J, Hsieh X, Reed E, Mouillesseaux KP, Cole AL, Reddy ST, Berliner JA. Related Articles, Links
Oxidized phospholipids increase interleukin 8 (IL-8) synthesis by activation of the c-src/signal transducers and activators of transcription (STAT)3 pathway.
J Biol Chem. 2004 Jul 16;279(29):30175-81. Epub 2004 May 13.
PMID: 15143062 [PubMed - indexed for MEDLINE]
- ☐ 28: Matsumoto K, Leggatt GR, Zhong J, Liu X, de Kluyver RL, Peters T, Fernando GJ, Liem A, Lambert PF, Frazer IH. Related Articles, Links
Impaired antigen presentation and effectiveness of combined active/passive immunotherapy for epithelial tumors.
J Natl Cancer Inst. 2004 Nov 3;96(21):1611-9.
PMID: 15523090 [PubMed - indexed for MEDLINE]
- ☐ 29: Burg J, Krump-Konvalinkova V, Bittinger F, Kirkpatrick CJ. Related Articles, Links
GM-CSF expression by human lung microvascular endothelial cells: in vitro and in vivo findings.
Am J Physiol Lung Cell Mol Physiol. 2002 Aug;283(2):L460-7.
PMID: 12114209 [PubMed - indexed for MEDLINE]
- ☐ 30: Piconi L, Quagliari L, Da Ros R, Assaloni R, Giugliano D, Esposito K, Szabo C, Ceriello A. Related Articles, Links
Intermittent high glucose enhances ICAM-1, VCAM-1, E-selectin and interleukin-6 expression in human umbilical endothelial cells in culture: the role of poly(ADP-ribose) polymerase.
J Thromb Haemost. 2004 Aug;2(8):1453-9.
PMID: 15304054 [PubMed - indexed for MEDLINE]
- ☐ 31: Wang X, Athayde N, Trudinger B. Related Articles, Links
Fetal plasma stimulates endothelial cell production of cytokines and the family of suppressor of cytokine signaling in umbilical placental vascular disease.
Am J Obstet Gynecol. 2003 Feb;188(2):510-6.
PMID: 12592264 [PubMed - indexed for MEDLINE]
- ☐ 32: Nonn M, Schinz M, Zumbach K, Pawlita M, Schneider A, Durst M, Kaufmann AM. Related Articles, Links
Dendritic cell-based tumor vaccine for cervical cancer I: in vitro stimulation with recombinant protein-pulsed dendritic cells induces specific T cells to HPV16 E7 or HPV18 E7.
J Cancer Res Clin Oncol. 2003 Sep;129(9):511-20. Epub 2003 Aug 2.
PMID: 12905010 [PubMed - indexed for MEDLINE]
- ☐ 33: Li J, Gao HQ, Zhao CL, Li LZ, Ji CY, Hou M, Plebaski M. Related Articles, Links
[Dendritic cells present particulate E7 protein of human papillomavirus and induce strong immunity]
Zhonghua Yi Xue Za Zhi. 2004 Jun 2;84(11):932-6. Chinese.
PMID: 15329282 [PubMed - indexed for MEDLINE]
- ☐ 34: Santin AD, Bellone S, Palmieri M, Bossini B, Roman JJ, Cannon MJ, Bignotti E, Cane S, Pecorelli S. Related Articles, Links

-  Induction of tumor-specific cytotoxicity in tumor infiltrating lymphocytes by HPV16 and HPV18 E7-pulsed autologous dendritic cells in patients with cancer of the uterine cervix.
Gynecol Oncol. 2003 May;89(2):271-80.
PMID: 12713991 [PubMed - indexed for MEDLINE]
- ☐ **35:** [Kaplanski G](#), [Teyssie N](#), [Famarier C](#), [Kaplanski S](#), [Lissitzky JC](#), [Durand JM](#), [Soubeyrand J](#), [Dinarello CA](#), [Bongrand P](#). Related Articles, Links
 IL-6 and IL-8 production from cultured human endothelial cells stimulated by infection with Rickettsia conorii via a cell-associated IL-1 alpha-dependent pathway.
J Clin Invest. 1995 Dec;96(6):2839-44.
PMID: 8675654 [PubMed - indexed for MEDLINE]
- ☐ **36:** [Lopez-Bojorquez LN](#), [Arechavaleta-Velasco F](#), [Vadillo-Ortega F](#), [Montes-Sanchez D](#), [Ventura-Gallegos JL](#), [Zentella-Dehesa A](#). Related Articles, Links
 NF-kappaB translocation and endothelial cell activation is potentiated by macrophage-released signals co-secreted with TNF-alpha and IL-1beta.
Inflamm Res. 2004 Oct;53(10):567-75.
PMID: 15597152 [PubMed - indexed for MEDLINE]
- ☐ **37:** [Winkler M](#), [Kemp B](#), [Fischer DC](#), [Ruck P](#), [Rath W](#). Related Articles, Links
 Expression of adhesion molecules in the lower uterine segment during term and preterm parturition.
Microsc Res Tech. 2003 Mar 1;60(4):430-44.
PMID: 12567400 [PubMed - indexed for MEDLINE]
- ☐ **38:** [Jin HS](#), [Park EK](#), [Lee JM](#), [NamKoong SE](#), [Kim DG](#), [Lee YJ](#), [Jun HJ](#), [Han BD](#), [Bae SM](#), [Ahn WS](#). Related Articles, Links
 Immunization with adenoviral vectors carrying recombinant IL-12 and E7 enhanced the antitumor immunity to human papillomavirus 16-associated tumor.
Gynecol Oncol. 2005 May;97(2):559-67.
PMID: 15863160 [PubMed - indexed for MEDLINE]
- ☐ **39:** [Kleine-Lowinski K](#), [Rheinwald JG](#), [Fichorova RN](#), [Anderson DJ](#), [Basile J](#), [Munger K](#), [Daly CM](#), [Rosl F](#), [Rollins BJ](#). Related Articles, Links
 Selective suppression of monocyte chemoattractant protein-1 expression by human papillomavirus E6 and E7 oncoproteins in human cervical epithelial and epidermal cells.
Int J Cancer. 2003 Nov 10;107(3):407-15.
PMID: 14506741 [PubMed - indexed for MEDLINE]
- ☐ **40:** [Harmon D](#), [Lan W](#), [Shorten G](#). Related Articles, Links
 The effect of aprotinin on hypoxia-reoxygenation-induced changes in neutrophil and endothelial function.
Eur J Anaesthesiol. 2004 Dec;21(12):973-9.
PMID: 15719861 [PubMed - indexed for MEDLINE]

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File: USPT

Feb 21, 2006

US-PAT-NO: 7001995.

DOCUMENT-IDENTIFIER: US 7001995 B1

TITLE: Synthetic human papillomavirus genes

DATE-ISSUED: February 21, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Neeper; Michael P	Collegeville	PA		US
McClements; William L.	Doylestown	PA		US
Jansen; Kathrin U.	Doylestown	PA		US
Schultz; Loren D.	Harleysville	PA		US
Chen; Ling	Blue Bell	PA		US
Wang; Xin-Min	Schwenksville	PA		US

US-CL-CURRENT: 536/23.1; 424/93.21, 435/320.1, 435/69.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawings
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☐ 2. Document ID: US 6797491 B2

L3: Entry 2 of 14

File: USPT

Sep 28, 2004

US-PAT-NO: 6797491

DOCUMENT-IDENTIFIER: US 6797491 B2

**** See image for Certificate of Correction ****

TITLE: Human papilloma virus treatment

DATE-ISSUED: September 28, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Neeffe; John R.	Devon	PA		
Goldstone; Stephen E.	New York	NY		
Winnett; Mark T.	Phoenixville	PA		

Siegel; Marvin
Boux; Leslie J.

Blue Bell
Victoria

PA

CA

US-CL-CURRENT: 435/69.1; 424/192.1, 424/204.1, 424/234.1, 536/23.72

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KM/C	Draw. D.
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☐ 3. Document ID: US 6734173 B1

L3: Entry 3 of 14

File: USPT

May 11, 2004

US-PAT-NO: 6734173

DOCUMENT-IDENTIFIER: US 6734173 B1

TITLE: HSP DNA vaccines

DATE-ISSUED: May 11, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wu; Tzyy-Choou	Stevenson	MD		
Hung; Chien-Fu	Brookeville	MD		

US-CL-CURRENT: 514/44; 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KM/C	Draw. D.
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☐ 4. Document ID: US 6649167 B2

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File: USPT

Nov 18, 2003

US-PAT-NO: 6649167

DOCUMENT-IDENTIFIER: US 6649167 B2

TITLE: Papillomavirus truncated L1 protein and fusion protein constructs

DATE-ISSUED: November 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hallek; Michael	Munich			DE
Burger; Alexander	Munich			DE

US-CL-CURRENT: 424/186.1; 424/184.1, 424/204.1, 424/205.1, 435/69.1, 435/69.3,
536/23.72, 977/802

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KM/C	Draw. D.
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☐ 5. Document ID: US 6562351 B2

L3: Entry 5 of 14

File: USPT

May 13, 2003

US-PAT-NO: 6562351

DOCUMENT-IDENTIFIER: US 6562351 B2

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TITLE: Papilloma truncated L1 protein and fusion protein constructs

DATE-ISSUED: May 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hallek; Michael	Munich			DE
Burger; Alexander	Munich			DE

US-CL-CURRENT: 424/204.1; 424/184.1, 424/186.1, 424/205.1, 435/5, 435/6, 530/300, 536/23.72

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D
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☐ 6. Document ID: US 6342224 B1

L3: Entry 6 of 14

File: USPT

Jan 29, 2002

US-PAT-NO: 6342224

DOCUMENT-IDENTIFIER: US 6342224 B1

TITLE: Recombinant papillomavirus vaccine and method for production and treatment

DATE-ISSUED: January 29, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bruck; Claudine	Rixensart			BE
Silva; Teresa Cabezon	Lenkebeek			BE
Fernande Delisse; Anne-Marie Eva	Gosselies			BE
Ghislaine Gerard; Catherine Marie	Rhode Saint Genese			BE
Lombardo-Bencheikh; Angela	Wavre			BE

US-CL-CURRENT: 424/192.1; 424/185.1, 424/186.1, 424/204.1, 435/252.3, 435/320.1, 435/325, 435/69.3, 435/69.7, 530/350, 536/23.4, 536/23.72

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☐ 7. Document ID: US 6306397 B1

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File: USPT

Oct 23, 2001

US-PAT-NO: 6306397

DOCUMENT-IDENTIFIER: US 6306397 B1

TITLE: Variants of human papilloma virus antigens

DATE-ISSUED: October 23, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Edwards; Stirling John	Northcote			AU
Cox; John Cooper	Bullengarook			AU
Webb; Elizabeth Ann	Eltham			AU
Frazer; Ian	St. Lucia			AU

US-CL-CURRENT: 424/192.1; 424/186.1, 424/204.1, 435/235.1, 435/69.1, 435/69.7,
536/23.1, 536/23.72, 536/24.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMCC	Draw. D.
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☐ 8. Document ID: US 6183745 B1

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File: USPT

Feb 6, 2001

US-PAT-NO: 6183745

DOCUMENT-IDENTIFIER: US 6183745 B1

TITLE: Subunit papilloma virus vaccine and peptides for use therein

DATE-ISSUED: February 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tindle; Robert	Kenmore			AU
Fernando; Germain	Jamboree Heights			AU
Frazer; Ian	St. Lucia			AU

US-CL-CURRENT: 424/185.1; 530/350, 530/395, 530/403

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMCC	Draw. D.
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☐ 9. Document ID: US 6007806 A

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File: USPT

Dec 28, 1999

US-PAT-NO: 6007806

DOCUMENT-IDENTIFIER: US 6007806 A

TITLE: Expression of a tumor-specific antigen by a recombinant vector virus and use thereof in preventive or curative treatment of the corresponding tumor

DATE-ISSUED: December 28, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lathe; Richard	Strasbourg			FR
Kieny; Marie-Paule	Strasbourg			FR
Meneguzzi; Guerrino	Nice			FR

US-CL-CURRENT: 424/93.2; 424/93.6, 435/235.1, 435/320.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC	Draw D
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☐ 10. Document ID: US 6004557 A

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File: USPT

Dec. 21, 1999

US-PAT-NO: 6004557

DOCUMENT-IDENTIFIER: US 6004557 A

TITLE: Variants of human papillomavirus antigens

DATE-ISSUED: December 21, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Edwards; Stirling John	Caburg			AU
Cox; John Cooper	Bullengarook			AU
Webb; Elizabeth Ann	Eltham			AU
Frazer; Ian	St. Lucia.			AU

US-CL-CURRENT: 424/192.1; 424/186.1, 424/199.1, 424/204.1, 435/235.1, 435/320.1,
435/69.1, 435/69.7, 536/23.1, 536/23.72 , 536/24.3

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Search Results - Record(s) 1 through 10 of 25 returned.

☐ 1. Document ID: US 20060251677 A1

L4: Entry 1 of 25

File: PGPB

Nov 9, 2006

PGPUB-DOCUMENT-NUMBER: 20060251677

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060251677 A1

TITLE: Packaging of immunostimulatory oligonucleotides into virus-like particles:
method of preparation and use

PUBLICATION-DATE: November 9, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Bachmann; Martin F.	Seuzach		CH
Cornelius; Andreas	Regensdorf		CH
Manolova; Vania	Zurich		CH
Maurer; Patrik	Winterhur		CH
Meijerink; Edwin	Zurich		CH
Proba; Karl G.	Zurich		CH
Schwarz; Katrin	Schlieren		CH

US-CL-CURRENT: [424/204.1](#); [514/44](#), [977/802](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. D
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☐ 2. Document ID: US 20060247190 A1

L4: Entry 2 of 25

File: PGPB

Nov 2, 2006

PGPUB-DOCUMENT-NUMBER: 20060247190

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060247190 A1

TITLE: Compositions and methods for treating human papillomavirus mediated disease

PUBLICATION-DATE: November 2, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Beach; Kathleen	Amherst	MA	US

Hedley; Mary Lynne	Lexington	MA	US
Urban; Robert G.	Lexington	MA	US
Chicz; Roman M.	Belmont	MA	US

US-CL-CURRENT: 514/44

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 3. Document ID: US 20060233820 A1

L4: Entry 3 of 25

File: PGPB

Oct 19, 2006

PGPUB-DOCUMENT-NUMBER: 20060233820
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060233820 A1

TITLE: Non-immunosuppressive imunogenic or vaccine composition comprising a mutated e7 protein of the hpv-16 virus

PUBLICATION-DATE: October 19, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Zagury; Daniel	Paris		FR
Le Buanec; Helene	Paris		FR
Bizzini; Bernard	Albi		FR

US-CL-CURRENT: 424/186.1; 424/204.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 4. Document ID: US 20060147906 A1

L4: Entry 4 of 25

File: PGPB

Jul 6, 2006

PGPUB-DOCUMENT-NUMBER: 20060147906
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060147906 A1

TITLE: Anti-hpv-16 e7 antibodies and their use

PUBLICATION-DATE: July 6, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Zwerschke; Werner Paul	Innsbruck		AT
Jansen-Duerr; Pidder	Innsbruck		AT
Fiedler; Marc	Innsbruck		AT
Viertler; Johann Peter	Mieders		AT
Widschwendter; Andreas	Jenbach		AT

Mueller-Holzner; Elisabeth	Gnadenwald	AT
Laich; Andreas	Innsbruck	AT
Fitzky; Barhard	Arams	AT

US-CL-CURRENT: 435/5; 530/388.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw D
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☐ 5. Document ID: US 20060110793 A1

L4: Entry 5 of 25

File: PGPB

May 25, 2006

PGPUB-DOCUMENT-NUMBER: 20060110793

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060110793 A1

TITLE: Methods and compositions for increasing longevity and protein yield from a cell culture

PUBLICATION-DATE: May 25, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Goldenberg; David M.	Mendham	NJ	US
Qu; Zhengxing	Warren	NJ	US
Horak; Eva	West Orange	NJ	US
Horak; Ivan D.	West Orange	NJ	US
Chang; Chien Hsing	Downingtown	PA	US
Rossi; Edmund A.	Nutley	NJ	US
Yang; Jeng-Dar	Bedminster	NJ	US

US-CL-CURRENT: 435/69.1; 435/183, 435/320.1, 435/326, 435/354, 435/69.5, 530/351, 530/388.1, 530/399, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw D
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☐ 6. Document ID: US 20060099219 A1

L4: Entry 6 of 25

File: PGPB

May 11, 2006

PGPUB-DOCUMENT-NUMBER: 20060099219

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060099219 A1

TITLE: Mutated hpv-16e7 polypeptide, pharmaceutical composition comprising it and its preparation process

PUBLICATION-DATE: May 11, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hallez; Sophie	Orbais		BE
Burny; Arsene	Gembloux		BE
Jacquet; Alain	Brussels		BE
Bollen; Alex	Itterbeek		BE

US-CL-CURRENT: 424/186.1; 435/320.1, 435/325, 435/456, 435/5, 435/69.3, 530/350, 536/23.72

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 7. Document ID: US 20060067944 A1

L4: Entry 7 of 25

File: PGPB

Mar 30, 2006

PGPUB-DOCUMENT-NUMBER: 20060067944

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060067944 A1

TITLE: Stable immunogenic product comprising antigenic heterocomplexes

PUBLICATION-DATE: March 30, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Le Buannec; Helene	Paris		FR
Cohen; Paul	Paris		FR
Peltre; Gabriel	Paris		FR
Zagury; Daniel	Paris		FR

US-CL-CURRENT: 424/187.1; 424/188.1, 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 8. Document ID: US 20060029943 A1

L4: Entry 8 of 25

File: PGPB

Feb 9, 2006

PGPUB-DOCUMENT-NUMBER: 20060029943

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060029943 A1

TITLE: Compositions, methods and products comprising human papillomavirus for detecting and treating a cancer

PUBLICATION-DATE: February 9, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hermonat; Paul L.	Little Rock	AR	US

Klimberg; V. Suzanne	Little Rock	AR	US
Liu; Yong	Little Rock	AR	US

US-CL-CURRENT: 435/6; 435/91.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 9. Document ID: US 20050226888 A1

L4: Entry 9 of 25

File: PGPB

Oct 13, 2005

PGPUB-DOCUMENT-NUMBER: 20050226888

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050226888 A1

TITLE: Methods for generating immunity to antigen

PUBLICATION-DATE: October 13, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Deisseroth, Albert	San Diego	CA	US
Tang, Yucheng	San Diego	CA	US
Zhang, Wei-Wei	San Diego	CA	US
Fang, Xiang-Ming	San Diego	CA	US

US-CL-CURRENT: 424/185.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 10. Document ID: US 20050123562 A1

L4: Entry 10 of 25

File: PGPB

Jun 9, 2005

PGPUB-DOCUMENT-NUMBER: 20050123562

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050123562 A1

TITLE: Novel composition

PUBLICATION-DATE: June 9, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wettendorff, Martine Anne Cecile	Rixensart		BE

US-CL-CURRENT: 424/202.1; 514/44

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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L10: Entry 1 of 1

File: DWPI

Oct 19, 2006

DERWENT-ACC-NO: 2003-865511

DERWENT-WEEK: 200670

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TITLE: New mutated human papillomavirus-16 E7 polypeptide having a deleted sequence from amino acid 21 to 26, useful for manufacturing a medicament in the treatment or prevention of cancer, preferably cancer induced by a human papillomavirus

INVENTOR: BOLLEN, A; BURNY, A ; HALLEZ, S ; JACQUET, A ; BIZZINI, B ; COHEN, P ; LE BUANEC, H ; ZAGURY, D

PRIORITY-DATA: 2003FR-0004170 (April 3, 2003), 2002FR-0005173 (April 24, 2002), 2002US-410461P (September 13, 2002)

[Search Selected](#)[Search ALL](#)[Clear](#)**PATENT-FAMILY:**

	PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/>	<u>US 20060233820 A1</u>	October 19, 2006		000	A61K039/12
<input type="checkbox"/>	<u>WO 2003090664 A2</u>	November 6, 2003	E	038	A61K000/00
<input type="checkbox"/>	<u>WO 2003090667 A2</u>	November 6, 2003	F	000	A61K000/00
<input type="checkbox"/>	<u>FR 2839072 A1</u>	October 31, 2003		000	C07K014/025
<input type="checkbox"/>	<u>FR 2839080 A1</u>	October 31, 2003		000	C12P021/02
<input type="checkbox"/>	<u>AU 2003221650 A1</u>	November 10, 2003		000	A61K000/00
<input type="checkbox"/>	<u>AU 2003249143 A1</u>	November 10, 2003		000	A61K000/00
<input type="checkbox"/>	<u>BR 200309491 A</u>	February 15, 2005		000	C07K014/025
<input type="checkbox"/>	<u>BR 200309603 A</u>	February 15, 2005		000	C07K014/025
<input type="checkbox"/>	<u>EP 1509543 A2</u>	March 2, 2005	F	000	C07K014/025
<input type="checkbox"/>	<u>EP 1515987 A2</u>	March 23, 2005	E	000	C07K014/025
<input type="checkbox"/>	<u>JP 2005532298 W</u>	October 27, 2005		046	A61K039/00
<input type="checkbox"/>	<u>CN 1656116 A</u>	August 17, 2005		000	C07K014/025
<input type="checkbox"/>	<u>AU 2003221650 A8</u>	October 20, 2005		000	C07K014/025
<input type="checkbox"/>	<u>US 20060099219 A1</u>	May 11, 2006		000	A61K039/12

US 20060099219 A1

INT-CL (IPC): A61K 0/00; A61K 31/71; A61K 31/711; A61K 38/16; A61K 39/00; A61K 39/12; A61K 39/23; A61K 39/39; A61K 39/395; A61K 48/00; A61P 31/12;

A61P 35/00; A61P 37/04; C07H 21/00; C07H 21/04; C07K 14/005; C07K 14/025; C07K 14/16; C07K 16/08; C12N 15/11; C12N 15/37; C12N 15/63; C12N 15/86; C12P 21/02; C12Q 1/70; C12P 21/02; C12R 1/84

ABSTRACTED-PUB-NO: WO2003090664A
BASIC-ABSTRACT:

NOVELTY - A mutated human papillomavirus-16 (HPV-16) E7 polypeptide (I) comprises a deleted sequence starting from amino acid 21 and encoding by amino acid 26 of the native wild type HPV-16 E7 complete polypeptide sequence.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) a fusion protein comprising (I) linked to a tat polypeptide, preferably a human immunodeficiency virus-1 (HIV-1) tat peptide;
- (2) a polynucleotide encoding (I) or the fusion protein of (1);
- (3) a vector comprising (I), the fusion protein of (1) or the polypeptide of (2);
- (4) a cell transfected by or comprising the vector of (3);
- (5) an inhibitor directed against (I), the fusion protein of (1) or the polypeptide of (2);
- (6) a hybridoma cell expressing and producing the inhibitor of (5) or its active hypervariable portion;
- (7) a pharmaceutical composition comprising a carrier or diluent and (I), the fusion protein of (1), the polypeptide of (2), the vector of (3), the cell of (4) and/or the inhibitor of (5);
- (8) treatment or prevention of cancer affecting or supposed to affect a mammal, especially cancer induced by a human papillomavirus or HIV-16, comprising administering to the mammal the pharmaceutical composition of (7) in order to prevent or cure the symptoms of cancer or stop the development of tumors, in particular tumors induced by a human papillomavirus or HPV-16; and
- (9) obtaining a recombinant HPV E7 polypeptide from a yeast cell, comprising transforming a yeast cell culture, preferably a *Pichia pastoris* yeast cell culture with the vector of (3), selecting the cells transformed by the vector, culturing the selected transformed cells in an adequate culture medium, and obtaining and possibly purifying a recombinant HPV-16 E7 protein from the supernatant of the culture medium of the cells.

ACTIVITY - Cytostatic. The measure of anti-tumoral effect of the HPV-16 E7 was done in groups of 8 mice injected twice subcutaneously at the base of the tail with the sample produced in *Pichia pastoris*. The results showed that the protein induced resistance to progression of the syngeneic tumor and generated a protective anti-tumoral immunity.

MECHANISM OF ACTION - Vaccine.

USE - The pharmaceutical composition of the present invention is useful for the manufacture of a medicament for the treatment and/or prevention of cancer, preferably cancer induced by a human papillomavirus, especially the strain of HPV-16 (claimed).

WEST Search History

DATE: Tuesday, February 13, 2007

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
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		<i>DB=USPT; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L8	Zagury Daniel.in.	9
<input type="checkbox"/>	L7	L5 and papillomavirus	0
		<i>DB=PGPB; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L6	L5 and papillomavirus	7
<input type="checkbox"/>	L5	Zagury Daniel.in.	11
<input type="checkbox"/>	L4	HPV-16 and E7 protein.clm.	25
		<i>DB=USPT; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L3	HPV-16 and E7 protein.clm.	14
<input type="checkbox"/>	L2	papillomavirus and E7 protein.clm.	25
<input type="checkbox"/>	L1	papillomavirus and E7 protein	283

END OF SEARCH HISTORY